



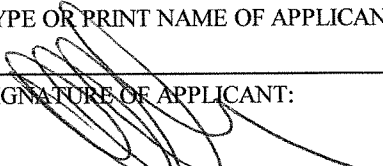
**SJVUAPCD AUTHORITY TO CONSTRUCT PERMIT APPLICATION FORMS
FOR GWF TRACY**

San Joaquin Valley Air Pollution Control District

www.valleyair.org

Permit Application For:

- ☒ AUTHORITY TO CONSTRUCT (ATC) - New Emission Unit.
☐ AUTHORITY TO CONSTRUCT (ATC) - Modification Of Emission Unit With Valid PTO/Valid ATC.
☐ AUTHORITY TO CONSTRUCT (ATC) - Renewal of Valid Authority to Construct.
☐ PERMIT TO OPERATE (PTO) - Existing Emission Unit Now Requiring a Permit to Operate.

1. PERMIT TO BE ISSUED TO: GWF Energy LLC - Tracy Peaker Power Plant	
2. MAILING ADDRESS: STREET/P.O. BOX: <u>4300 Railroad Avenue</u> CITY: <u>Pittsburg</u> STATE: <u>CA</u> 9-DIGIT ZIP CODE: <u>94565</u>	
3. LOCATION WHERE THE EQUIPMENT WILL BE OPERATED: STREET: <u>N/A</u> CITY: <u>TRACY</u> <u>SW</u> /4 SECTION <u>36</u> TOWNSHIP <u>2 SOUTH</u> RANGE <u>4 EAST</u>	WITHIN 1,000 FT OF A SCHOOL? <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO S.I.C. CODE(S) OF FACILITY (If known): 4931 INSTALL DATE: JULY 2002
4. GENERAL NATURE OF BUSINESS: ELECTRIC GENERATION	
5. TITLE V PERMIT HOLDERS ONLY: Do you request a COC (EPA Review) prior to receiving your ATC? <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO	
6. DESCRIPTION OF EQUIPMENT OR MODIFICATION FOR WHICH APPLICATION IS MADE (include Permit #'s if known, and use additional sheets if necessary): TWO GENERAL ELECTRIC PG 7121 EA 84.4 MW (NOMINAL) COMBUSTION TURBINES ONE DIESEL EMERGENCY GENERATOR, 250 MW, MODEL CAT 3306	
7. HAVE YOU EVER APPLIED FOR AN ATC OR PTO IN THE PAST? <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO If yes, ATC/PTO #:	Optional Section 10 CHECK WHETHER YOU ARE A PARTICIPANT IN EITHER OF THESE VOLUNTARY PROGRAMS: "SPARE THE AIR" <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> Send info "INSPECT" <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> Send info  
8. IS THIS PROPERTY ZONED PROPERLY FOR THE PROPOSED USE? <input checked="" type="checkbox"/> YES <input type="checkbox"/> NO	
9. IS THIS APPLICATION SUBMITTED AS THE RESULT OF EITHER A NOTICE OF VIOLATION OR A NOTICE TO COMPLY? <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO If yes, NOV/NTC #:	
11. TYPE OR PRINT NAME OF APPLICANT: Doug W. Wheeler	TITLE OF APPLICANT: Vice President Special Projects
12. SIGNATURE OF APPLICANT:  DATE: <u>8/14/01</u>	PHONE #: (925) 431-1443 FAX #: (925) 431-0518 E-MAIL: dwheeler@gwfpower.com

FOR APCD USE ONLY:

DATE STAMP	FILING FEE RECEIVED: \$ _____ CHECK #: DATE PAID: PROJECT #: _____ FACILITY ID:
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**San Joaquin Valley Unified Air Pollution Control District
Supplemental Application Form**

BOILERS, STEAM GENERATORS, DRYERS, & PROCESS HEATERS

This form must be accompanied by a completed Application for Authority to Construct and Permit to Operate form.

PERMIT TO BE ISSUED TO:	Tracy Peaker Project
LOCATION WHERE THE EQUIPMENT WILL BE OPERATED:	Section 36, township 2 south, Range 4 East, A-PN 209-240-11 - Southwest of W. Schulte and Lammers Road

EQUIPMENT DESCRIPTION

Type of Equipment	<input type="checkbox"/> Boiler <input checked="" type="checkbox"/> Other: Turbine		
Equipment Data	Manufacturer: General Electric		
	Model: PG 7121EA	Serial No.: N/A	
	Boilers Only	Steam: PPH	at: psig bhp

Gaseous Fuel Burner	Manufacturer: General Electric		
	Model: PG 7121EA	Serial No.: N/A	
	Maximum Heat Input Rating: 1,090.8		MM Btu/hr
	Flue Gas Recirculation: <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> Forced <input type="checkbox"/> Induced %		
	O ₂ Controller: <input type="checkbox"/> Yes <input type="checkbox"/> No	Manufacturer:	
Primary Fuel	Type: Natural Gas	(Omit Sulfur Content for Public Utility Natural Gas)	
	Higher Heating Value: 1020	Btu/scf	Sulfur Content: 0.25 gr/100 scf
	Exhaust Data	Flow: 1,619,093 acfm	Temp: 850 °F O ₂ , dry: %
	Emission Data (If corrected to other than 3% O ₂ , dry basis, indicate at right)		O ₂ , dry: 15 %
	Nitrogen Oxides (as NO ₂)	5 ppmvd	0.0182 lb/MMBtu
	Carbon Monoxide	6 ppmvd	0.0129 lb/MMBtu
	Volatile Organic Compounds (as CH ₄)	2 ppmvd	0.003 lb/MMBtu
Secondary Fuel	Type:		
	Higher Heating Value:	Btu/scf	Sulfur Content: gr/100 scf
	Exhaust Data	Flow: acfm	Temp: °F O ₂ , dry: %
	Emission Data (If corrected to other than 3% O ₂ , dry basis, indicate at right)		O ₂ , dry: %
	Nitrogen Oxides (as NO ₂)	ppmvd	lb/MMBtu
	Carbon Monoxide	ppmvd	lb/MMBtu
	Volatile Organic Compounds (as CH ₄)	ppmvd	lb/MMBtu

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Liquid Fuel Burner	Manufacturer:				
	Model:		Serial No.:		
	Maximum Heat Input Rating:			Btu/hr	
	Flue Gas Recirculation: <input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Forced <input type="checkbox"/> Induced			%	
	O ₂ Controller: <input type="checkbox"/> Yes <input type="checkbox"/> No		Manufacturer:		
Primary Fuel	Type:		API Gravity:		
	Higher Heating Value:		Btu/gal	Sulfur Content:	
			% by Wt		
	Exhaust Data	Flow:	acfm	Temp: °F	O ₂ , dry: %
	Emission Data (If corrected to other than 3% O ₂ , dry basis, indicate at right)			O ₂ , dry: %	
	Nitrogen Oxides (as NO₂)		ppmvd	lb/MMBtu	
	Carbon Monoxide		ppmvd	lb/MMBtu	
Secondary Fuel	Type:		API Gravity:		
	Higher Heating Value:		Btu/gal	Sulfur Content:	
			% by Wt		
	Exhaust Data	Flow:	acfm	Temp: °F	O ₂ , dry: %
	Emission Data (If corrected to other than 3% O ₂ , dry basis, indicate at right)			O ₂ , dry: %	
	Nitrogen Oxides (as NO₂)		ppmvd	lb/MMBtu	
	Carbon Monoxide		ppmvd	lb/MMBtu	
Volatile Organic Compounds (as CH₄)		ppmvd	lb/MMBtu		

ADDITIONAL INFORMATION



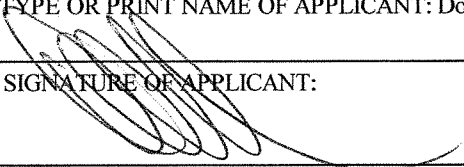
- Operating Schedule:** 24 Hours per day 7 Days per week 52 Weeks per year.
- Fuel Flow Meter(s):** ☒ Gaseous Fuel ☐ Liquid Fuel
- Nearest Receptor:**
 Distance to nearest Residence¹ 2112 feet
 Distance to nearest Business² 792 feet
¹ Examples of Residences includes apartments, houses, dormitories, etc.
² Examples of Businesses includes office buildings, guard posts, factories, etc.
- Stack Parameters:** Height 100 feet Inside diameter 204 inches
 Is a rain cap present on exhaust stack? ☐ Yes ☒ No
 Direction of exhaust from structure or device: ☒ Vertical ☐ Horizontal
- Facility Location:** ☐ Urban (area of dense population) ☒ Rural (area of sparse population)
- Describe any additional air pollution control equipment or technologies, including control efficiencies, on a separate sheet and submit it along with this form.**

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8. IS THIS PROPERTY ZONED PROPERLY FOR THE PROPOSED USE? [X] YES [] NO	
9. IS THIS APPLICATION SUBMITTED AS THE RESULT OF EITHER A NOTICE OF VIOLATION OR A NOTICE TO COMPLY? [] YES [X] NO If yes, NOV/NTC #:	
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Equipment Data	Manufacturer: General Electric		
	Model: PG 7121EA	Serial No.: N/A	
	Boilers Only	Steam: PPH at: psig	bhp

Gaseous Fuel Burner	Manufacturer: General Electric			
	Model: PG 7121EA		Serial No.: N/A	
	Maximum Heat Input Rating: 1,090.8		MM Btu/hr	
	Flue Gas Recirculation: <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> Forced <input type="checkbox"/> Induced %			
	O ₂ Controller: <input type="checkbox"/> Yes <input type="checkbox"/> No		Manufacturer:	
Primary Fuel	Type: Natural Gas		<i>(Omit Sulfur Content for Public Utility Natural Gas)</i>	
	Higher Heating Value: 1020 Btu/scf		Sulfur Content: 0.25 gr/100 scf	
	Exhaust Data	Flow: 1,619,093 acfm	Temp: 850 °F	O ₂ , dry: %
	Emission Data <i>(If corrected to other than 3% O₂ dry basis, indicate at right)</i>			O ₂ , dry: 15 %
	Nitrogen Oxides (as NO ₂)		5 ppmvd	0.0182 lb/MMBtu
	Carbon Monoxide		6 ppmvd	0.0129 lb/MMBtu
	Volatile Organic Compounds (as CH ₄)		2 ppmvd	0.003 lb/MMBtu
Secondary Fuel	Type:			
	Higher Heating Value: Btu/scf		Sulfur Content: gr/100 scf	
	Exhaust Data	Flow: acfm	Temp: °F	O ₂ , dry: %
	Emission Data <i>(If corrected to other than 3% O₂ dry basis, indicate at right)</i>			O ₂ , dry: %
	Nitrogen Oxides (as NO ₂)		ppmvd	lb/MMBtu
	Carbon Monoxide		ppmvd	lb/MMBtu
	Volatile Organic Compounds (as CH ₄)		ppmvd	lb/MMBtu

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Liquid Fuel Burner	Manufacturer:			
	Model:		Serial No.:	
	Maximum Heat Input Rating:			Btu/hr
	Flue Gas Recirculation: <input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Forced <input type="checkbox"/> Induced %			
	O ₂ Controller: <input type="checkbox"/> Yes <input type="checkbox"/> No		Manufacturer:	
Primary Fuel	Type:		API Gravity:	
	Higher Heating Value: Btu/gal		Sulfur Content: % by Wt	
	Exhaust Data	Flow: acfm	Temp: °F	O ₂ , dry: %
	Emission Data (If corrected to other than 3% O ₂ , dry basis, indicate at right)			O ₂ , dry: %
	Nitrogen Oxides (as NO₂)		ppmvd	lb/MMBtu
	Carbon Monoxide		ppmvd	lb/MMBtu
	Volatile Organic Compounds (as CH₄)		ppmvd	lb/MMBtu
Secondary Fuel	Type:		API Gravity:	
	Higher Heating Value: Btu/gal		Sulfur Content: % by Wt	
	Exhaust Data	Flow: acfm	Temp: °F	O ₂ , dry: %
	Emission Data (If corrected to other than 3% O ₂ , dry basis, indicate at right)			O ₂ , dry: %
	Nitrogen Oxides (as NO₂)		ppmvd	lb/MMBtu
	Carbon Monoxide		ppmvd	lb/MMBtu
	Volatile Organic Compounds (as CH₄)		ppmvd	lb/MMBtu

ADDITIONAL INFORMATION

1. **Operating Schedule:** 24 Hours per day 7 Days per week 52 Weeks per year.

2. **Fuel Flow Meter(s):** ☒ Gaseous Fuel ☐ Liquid Fuel

3. **Nearest Receptor:**

Distance to nearest Residence¹ 2112 feet

Distance to nearest Business² 792 feet

¹ Examples of Residences includes apartments, houses, dormitories, etc.

² Examples of Businesses includes office buildings, guard posts, factories, etc.

4. **Stack Parameters:** Height 100 feet Inside diameter 204 inches

Is a rain cap present on exhaust stack? ☐ Yes ☒ No

Direction of exhaust from structure or device: ☒ Vertical ☐ Horizontal

5. **Facility Location:** ☐ Urban (area of dense population) ☒ Rural (area of sparse population)

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